

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
 Data File : BG044955.D
 Acq On : 7 Apr 2020 15:03
 Operator : CG/JU
 Sample : PB128064BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128064BL

Quant Time: Apr 07 15:40:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	99404	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	377538	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	255550	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	596373	20.00	ng	0.00
76) Chrysene-d12	21.69	240	606905	20.00	ng	-0.01
87) Perylene-d12	24.89	264	638061	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	869837	136.22	ng	0.00
7) Phenol-d6	7.21	99	1185835	127.81	ng	0.00
23) Nitrobenzene-d5	9.20	82	758891	88.21	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	469047	140.18	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1664830	93.29	ng	0.00
79) Terphenyl-d14	20.03	244	2639512	81.35	ng	0.00

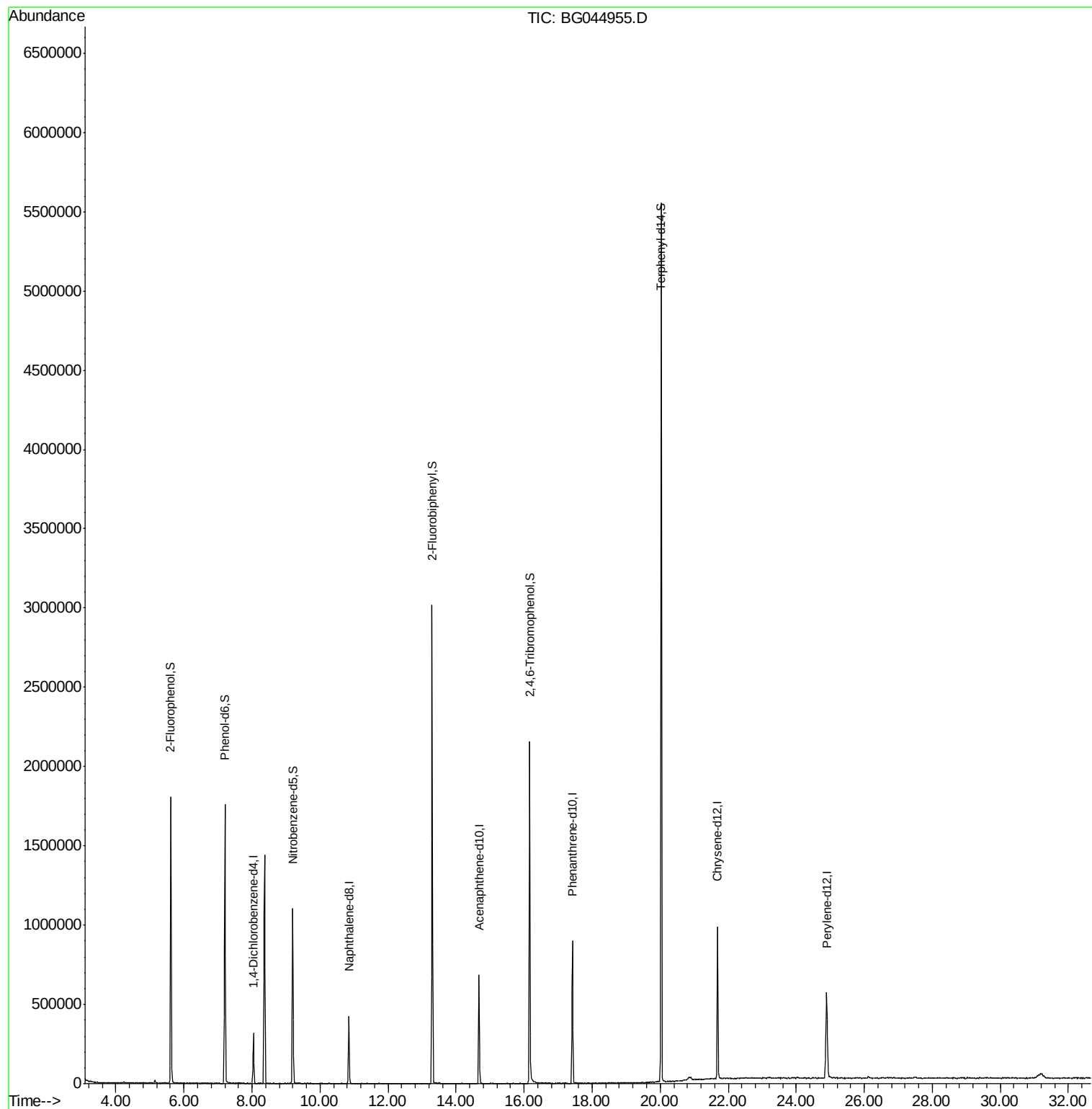
Target Compounds Qvalue

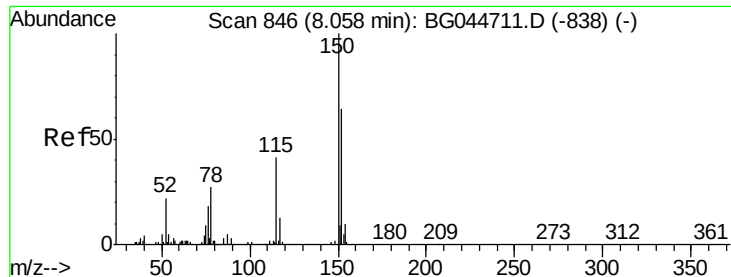
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG044955.D

Acq: 7 Apr 2020 15:03

Instrument :

BNA_G

ClientSampleId :

PB128064BL

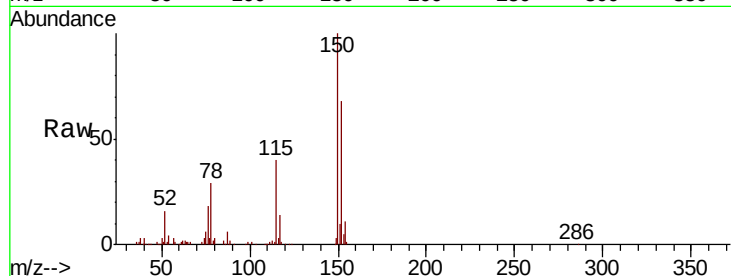
Tot Ion:152 Resp: 99404

Ion Ratio Lower Upper

152 100

150 147.9 128.8 193.2

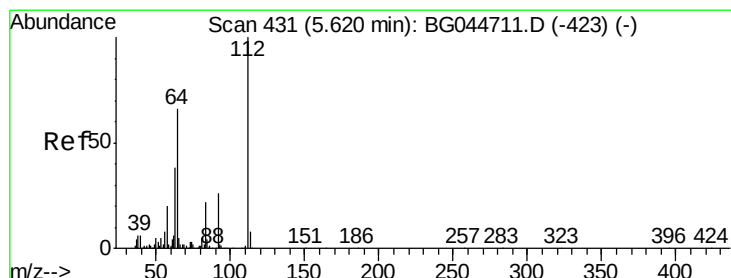
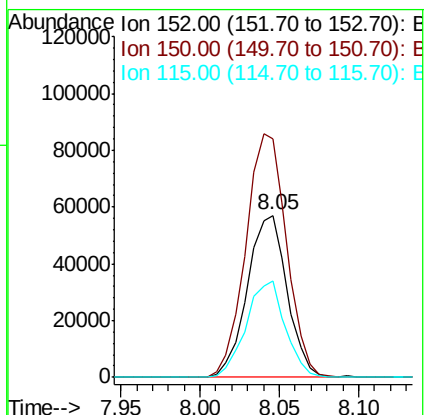
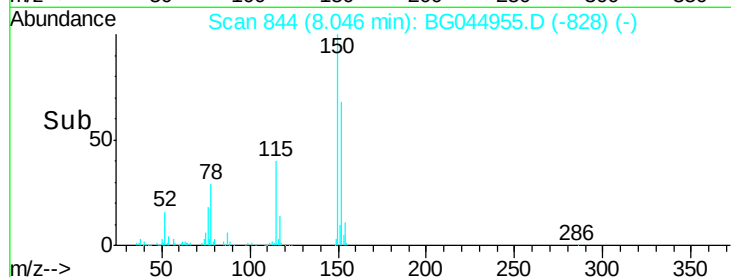
115 59.3 52.6 79.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 136.219 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044955.D

Acq: 7 Apr 2020 15:03

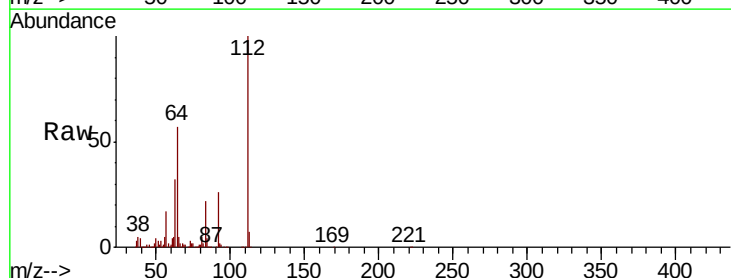
Tgt Ion:112 Resp: 869837

Ion Ratio Lower Upper

112 100

64 56.8 53.4 80.2

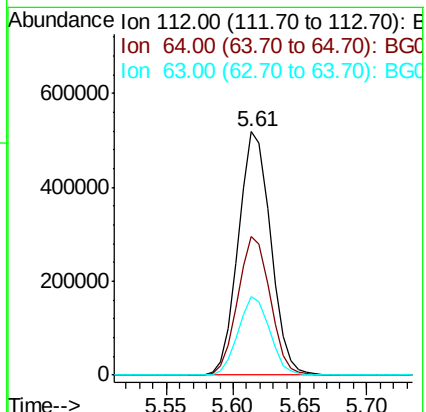
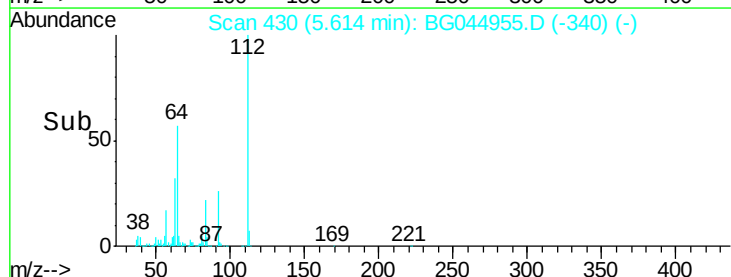
63 32.5 29.4 44.2

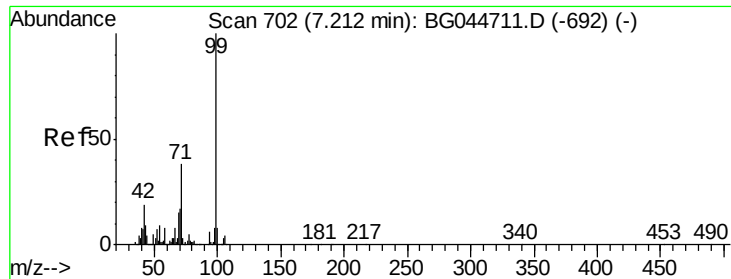


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 127.814 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044955.D

Acq: 7 Apr 2020 15:03

Instrument :

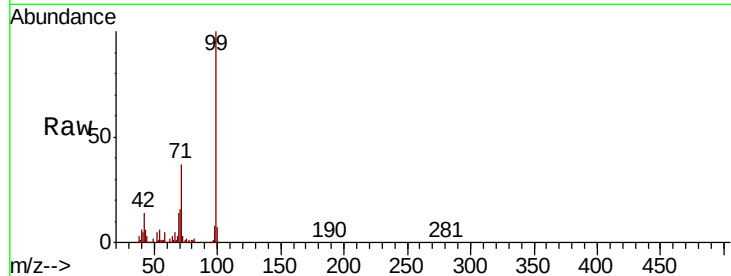
BNA_G

ClientSampleId :

PB128064BL

Tot Ion: 99 Resp: 1185835

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.6	19.0
71	36.6	29.0	43.4

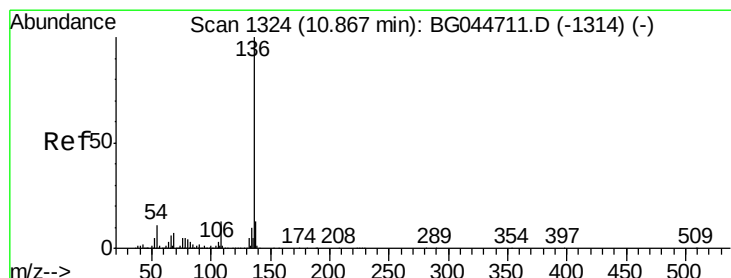
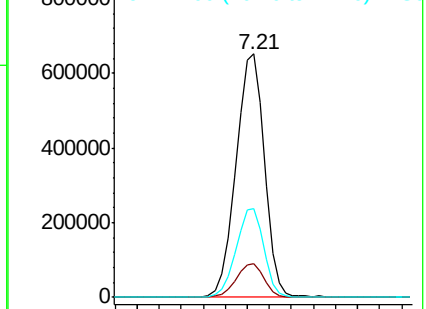
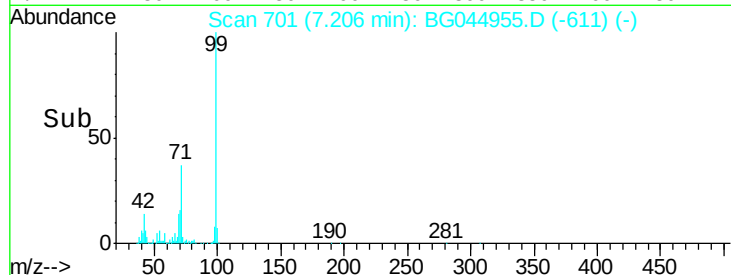


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

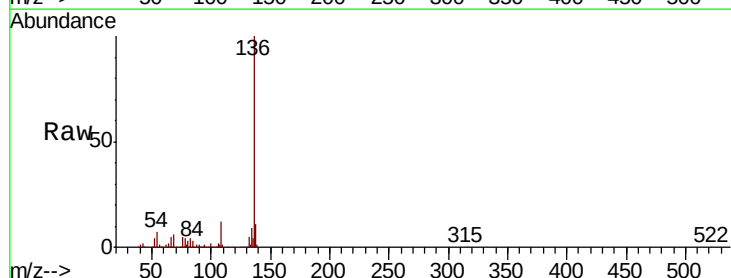
Delta R.T. -0.01 min

Lab File: BG044955.D

Acq: 7 Apr 2020 15:03

Tgt Ion: 136 Resp: 377538

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	7.0	7.9	11.9#
68	5.8	5.4	8.0



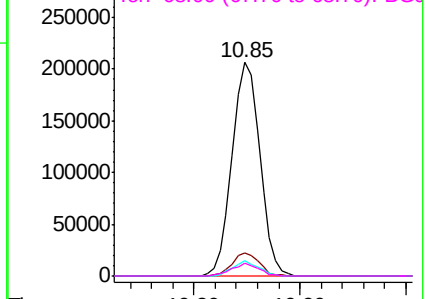
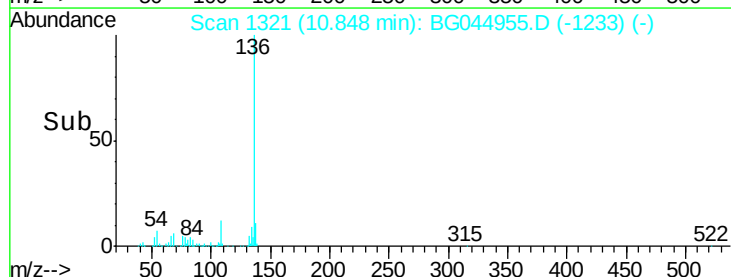
Abundance

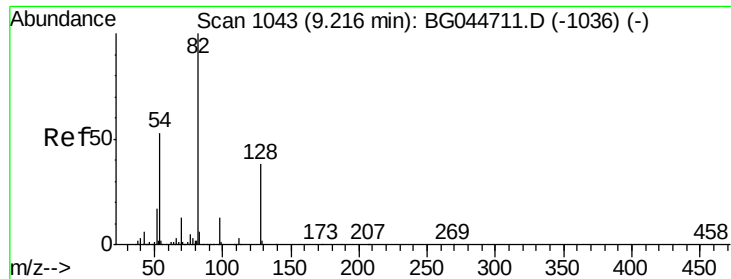
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

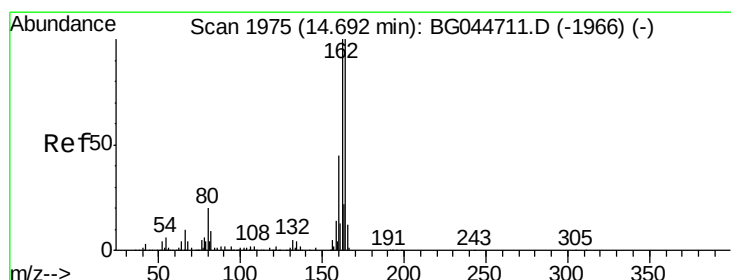
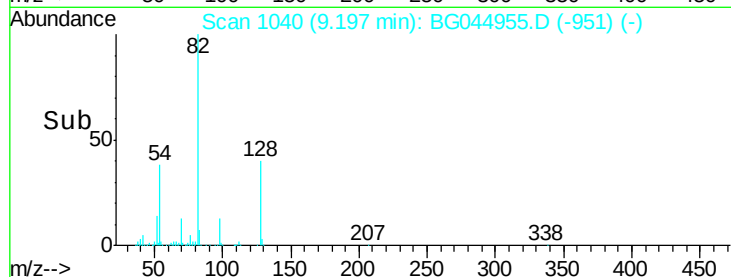
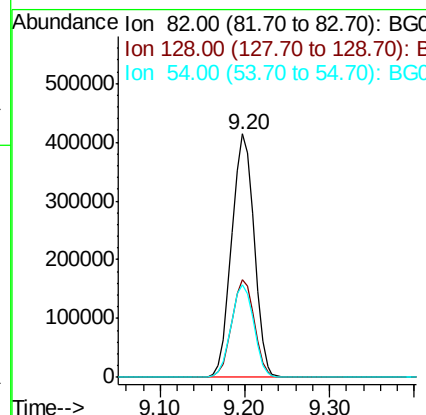
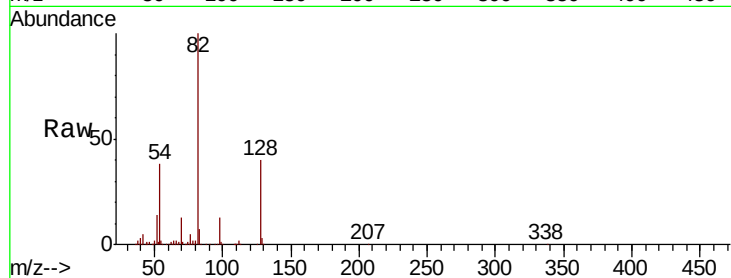




#23
 Nitrobenzene-d5
 Concen: 88.206 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044955.D
 Acq: 7 Apr 2020 15:03

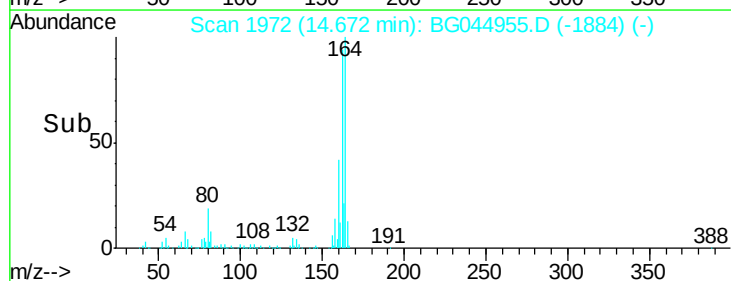
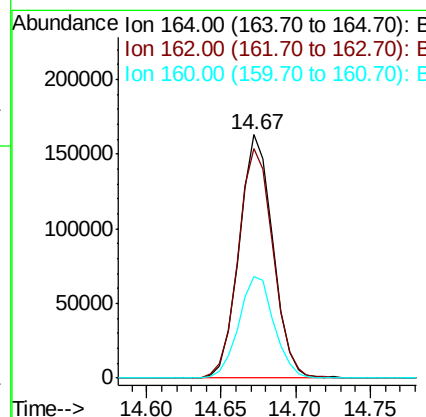
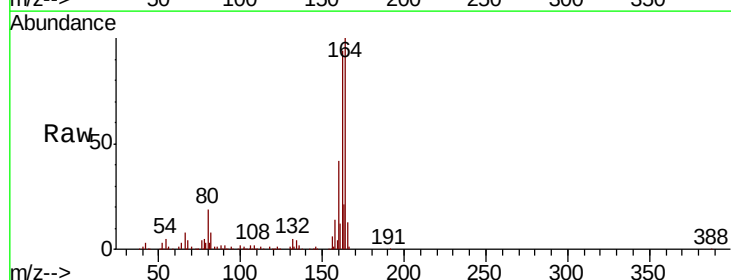
Instrument :
 BNA_G
 ClientSampleId :
 PB128064BL

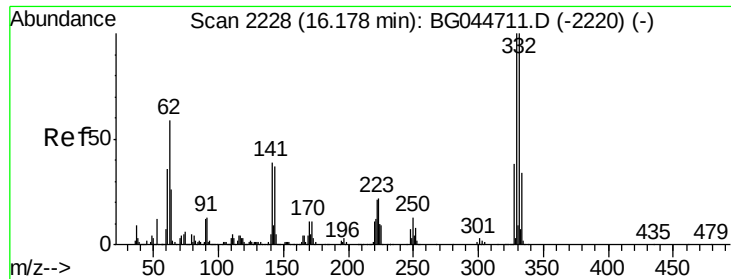
Tot Ion	82	Resp	758891
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.6	46.0
54	38.2	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044955.D
 Acq: 7 Apr 2020 15:03

Tgt Ion	164	Resp	255550
Ion Ratio	Lower	Upper	
164	100		
162	94.2	76.7	115.1
160	41.8	35.0	52.4

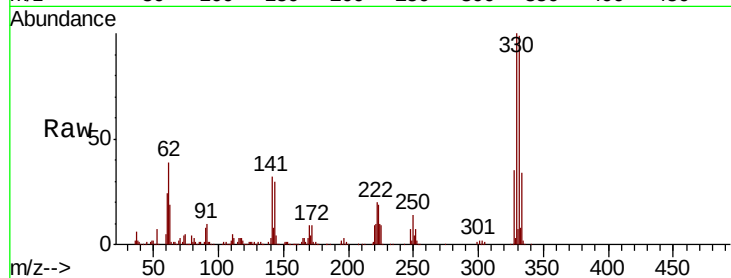




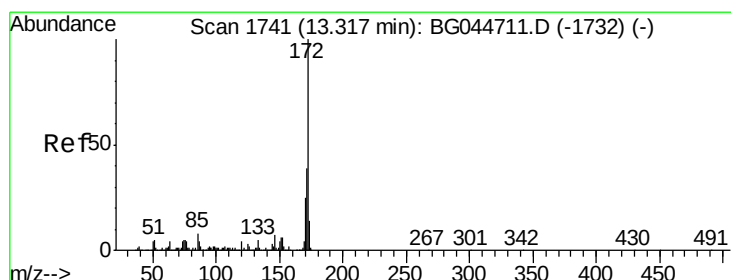
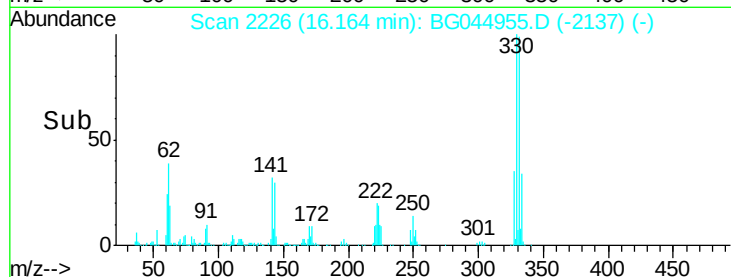
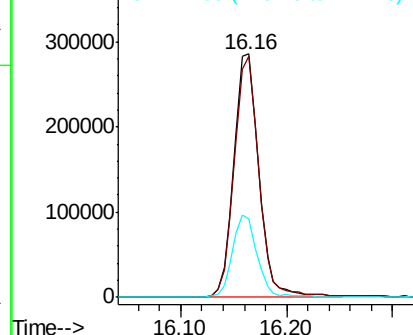
#42
 2,4,6-Tribromophenol
 Concen: 140.180 ng
 RT: 16.16 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG044955.D
 Acq: 7 Apr 2020 15:03

Instrument :
 BNA_G
 ClientSampleId :
 PB128064BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.6
141	33.5	29.5	44.3

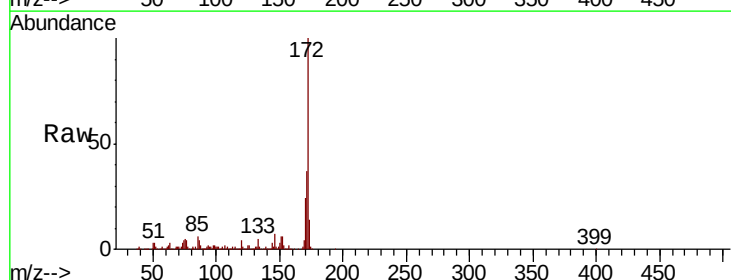


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

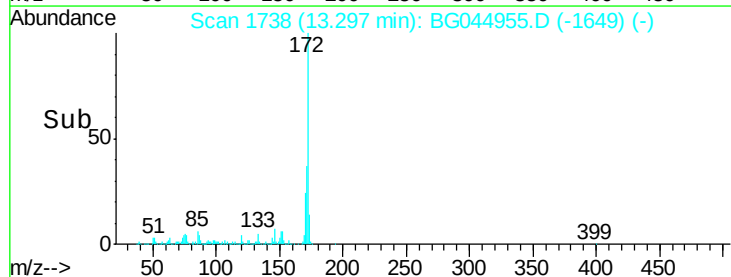
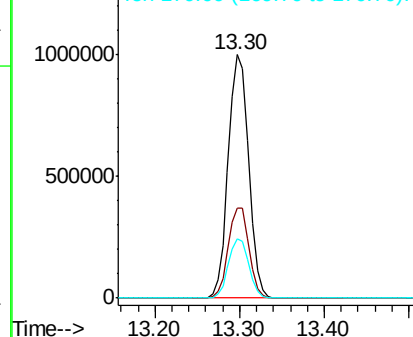


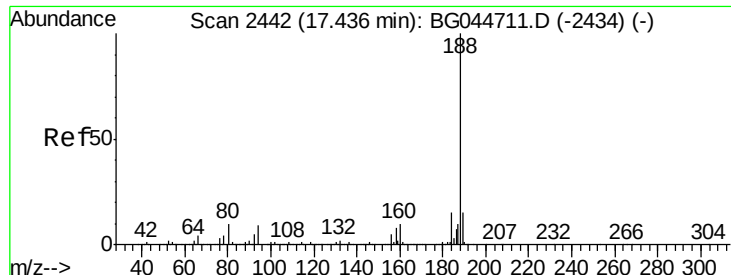
#45
 2-Fluorobiphenyl
 Concen: 93.293 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG044955.D
 Acq: 7 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.7	43.1
170	24.5	19.0	28.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

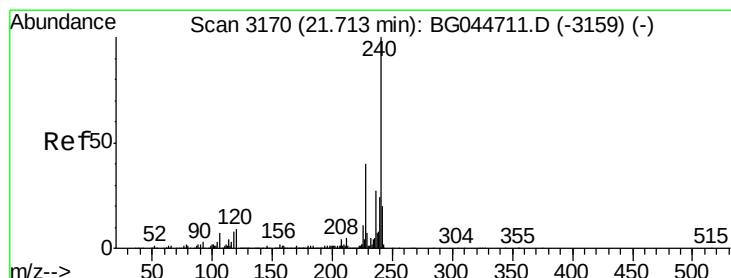
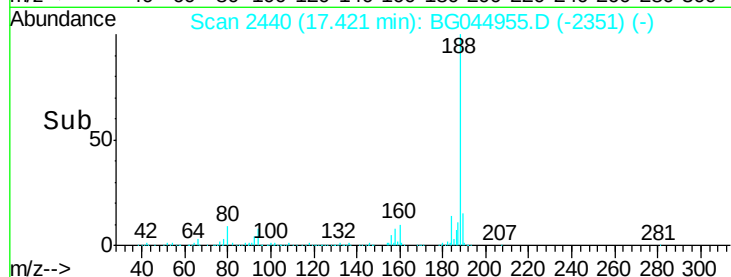
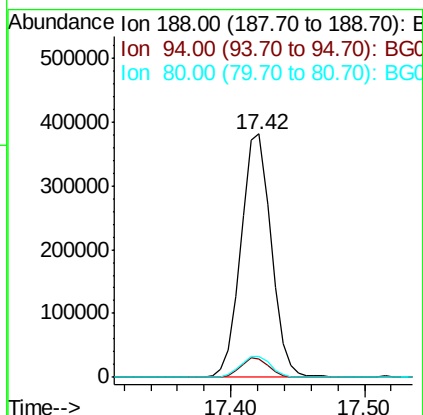
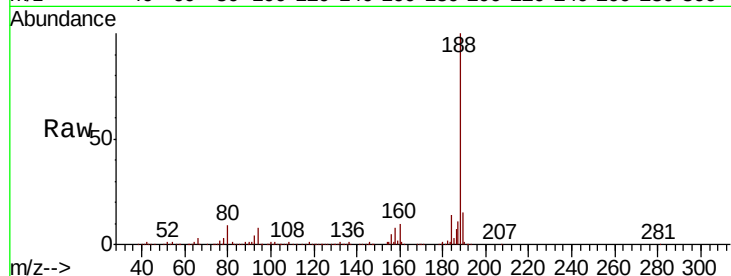




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044955.D
Acq: 7 Apr 2020 15:03

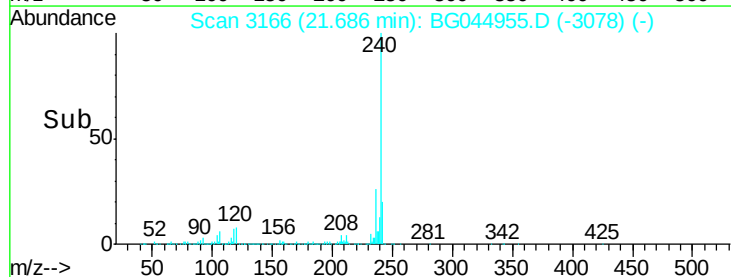
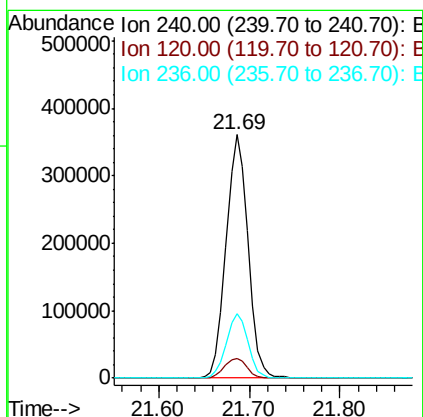
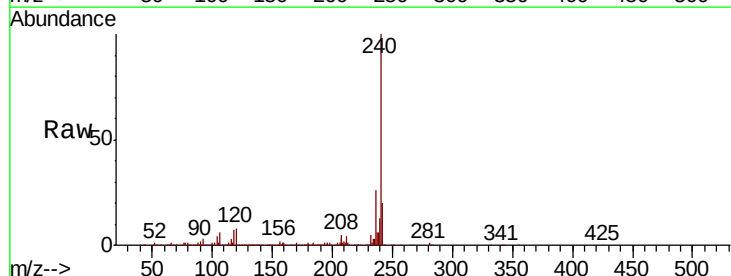
Instrument :
BNA_G
ClientSampleId :
PB128064BL

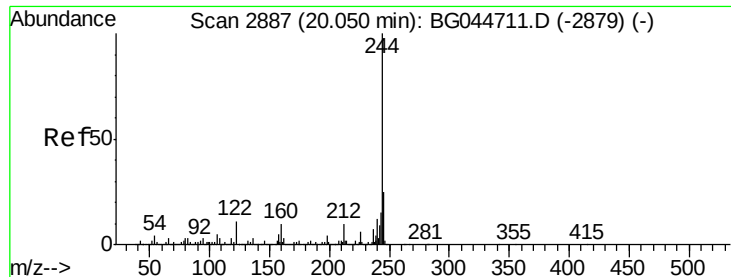
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.3	10.9
80	8.6	8.0	12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044955.D
Acq: 7 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.7	10.1
236	26.3	21.5	32.3





#79

Terphenyl-d14

Concen: 81.353 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044955.D

Acq: 7 Apr 2020 15:03

Instrument :

BNA_G

ClientSampleId :

PB128064BL

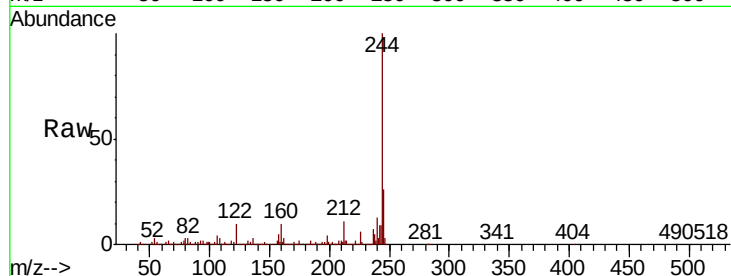
Tot Ion:244 Resp: 2639512

Ion Ratio Lower Upper

244 100

212 10.8 7.7 11.5

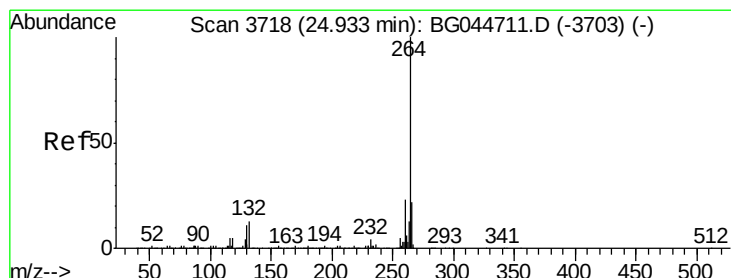
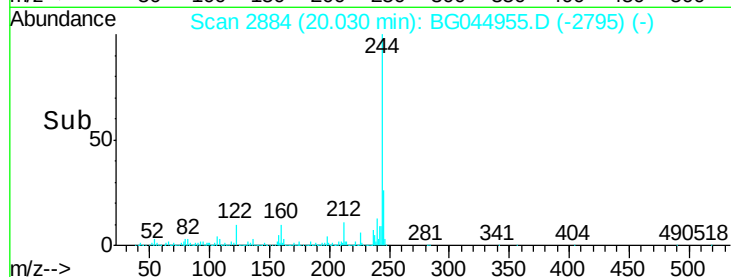
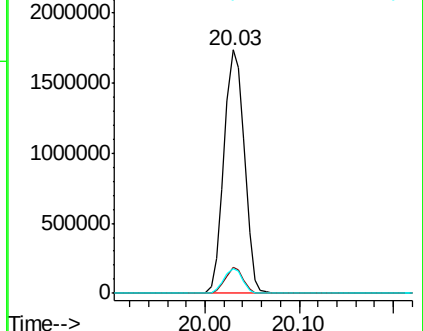
122 10.4 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044955.D

Acq: 7 Apr 2020 15:03

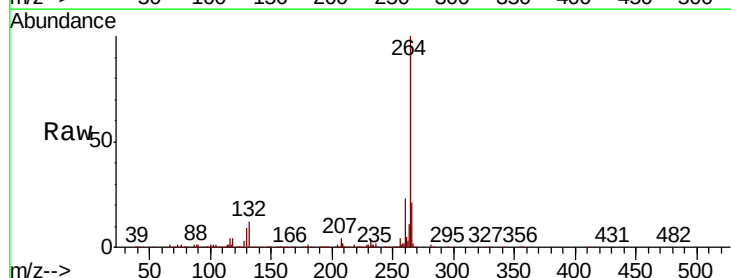
Tgt Ion:264 Resp: 638061

Ion Ratio Lower Upper

264 100

260 23.0 18.1 27.1

265 20.8 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

